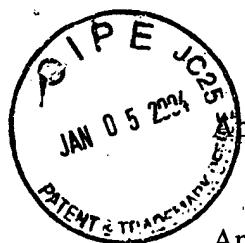


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January 2, 2004

1647 18  
PATENT APPLICATION  
Docket No.: 3033.1002-004  
BOX 150



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Darrell H. Carney, Roger S. Crowther, David J. Simmons,  
Jinping Yang and William R. Redin

Application No.: 10/050,692 Group: 1647

Filed: January 16, 2002 Examiner: DeBerry, R.M.

Confirmation No.: 6715

For: STIMULATION OF BONE GROWTH WITH THROMBIN  
PEPTIDE DERIVATIVES

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Mail Stop Sequence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
on <u>1-2-04</u>	Signature <u>Dawn M Myers</u>
Date	Signature
_____ Dawn M Myers _____ Typed or printed name of person signing certificate	

TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING

Mail Stop Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Substitute Sequence Listing is submitted in response to the Office Action  
mailed from the Patent Office on August 20, 2003 in the above-identified application.

An Amendment with a Petition for Extension of Time and appropriate fees are  
being filed concurrently with the Substitute Sequence Listing.

Transmitted herewith is a copy of a Substitute "Sequence Listing" in paper form  
(sheets 1/3 through 3/3) comprising SEQ ID NOS: 1 through 6 for the above-identified  
patent application as required by 37 C.F.R. §§ 1.825(a) and 1.821(c), and a copy of the  
Substitute "Sequence Listing" in computer readable form as required by 37 C.F.R.

§§ 1.825(b) and 1.821(e). Please replace the "Sequence Listing" filed on May 15, 2002 (sheets 1/3 through 3/3) with the attached Substitute "Sequence Listing."

As required by 37 C.F.R. § 1.825(b), Applicant's Attorney hereby states that the contents of the Substitute "Sequence Listing" in paper form and in the computer readable form submitted herewith are the same and, as required by 37 C.F.R. § 1.825(a), also states that the submission includes no new matter.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Date: January 2, 2004